

STRUMENTATION, MEASURING AND TESTING - p.59

SU - S

9157/42 ★SU 1610-427-A
of samples - scanning
surface of sample and
effts.

J-627768

sses from generator (2) to
inal spherical ultrasonic
ave passes on to the test
ected and partially passes
waves are detected by
rmly along the surface of

eters are subjected to
ing out their separation on
registration system (9)
ved signal, on the basis of
d of the coefficients of
'incidence of the wave on

roperties of samples by
transmission of ultrasonic
3pp Dwg.No.1/1)

SS-E8

USE - Determination of continuity and flow modes of liquids in
pipelines. Bul. 44/30.11.90 (5pp Dwg.No.1/3)
N91-236891

SS-E8X

KHRA = ★ S03 91-309159/42 ★SU 1610-429-A
Ultrasonic test device of pipes - has pulley system to move slides
with converters along pipe and drive to rotate pipe through probe
width

KHARK RADIO ELECTRO 25.01.88-SU-367605
(30.11.90) G01n-29/04

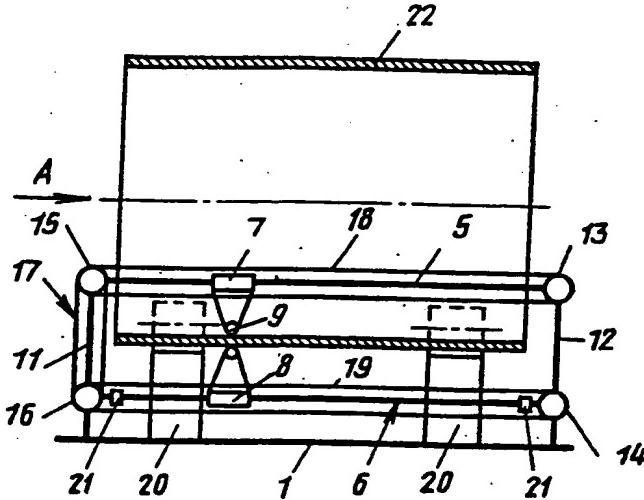
25.01.88 as 367605 (1503AS)

Uprights (12) are removed, test pipe (22) is placed on the rollers
fixed on support legs (20) on base (1) and uprights (12) are replaced
and connected to guides (5,6) before reversible drive (10) is started
and acts through a pulley system to turn pulleys (13-16) and move
cables (17-19), causing movement of slides (7,8) with converters (9)
in one direction, while carrying out testing of the article during an
established width of probing.

when slide (8) contacts one of limiters (21), reversible drive (10)
is disconnected and the drive of the rollers is switched on, to rotate
the pipe through an angle determined by the width of probing.
Reverse rotation of reversible drive (10) is simultaneously engaged
and the ultrasonic converters on the slides begin to move in the
opposite direction, while carrying out testing of the pipe along the
next probing strip.

USE - Ultrasonic testing of pipes. Bul. 44/30.11.90 (3pp
Dwg.No.1/2)
N91-236892

SS-E8A



58/42 ★SU 1610-428-A
pipelines - has controlled
ugh liquid and wall of
to fix gas concn.
18080

rom generator (4) are
c impulses and passed
(3), forming the sum of
through the wall of the
igh the liquid depends on
ignal from converter (3)
atches (10,12) and switch
per (11).

ed to suppress the signal
delay unit (8) and shaper
suppress the part of the
overload by the impulse
detectors (6,13) pass to
ed to judge gas bubble

GREB/ ★ S03 91-309160/42 ★SU 1610-430-A
Piezoelectric converter - has movable prism to set required gap to
surface of test object

GREBENNICKOV V V 28.12.87-SU-401982
(30.11.90) G01n-29/04

28.12.87 as 401982 (1503AS)

Prism (3) with a piezoelement and a damper is placed in the body
with a movement capability. The converter is connected through a
socket in threaded sleeve (5) to the flaw detector and is set on the
test article. Contact fluid is passed through inlet (7) into the
container formed by the lower edges of the body. The required gap is
set between prism (2) and the article and testing is carried out.

USE - Testing articles. Bul. 44/30.11.90 (3pp Dwg.No.1/3)
N91-236893

SS-E8A

